

Converting Colors

Hex(B47DA8)

Have a look what the booklet for
Hex(B47DA8) contains.

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Color

Hex(B47DA8)

Conversions

Conversions Part 1

Format	Color
Hex	B47DA8
RGB	180, 125, 168
RGB Percent	71%, 49%, 66%
CMY	0.2941, 0.5098, 0.3412
CMYK	0.00, 0.31, 0.07, 0.29
HSL	313°, 27%, 60%
HSV	313°, 31%, 71%
XYZ	33.2239, 27.1977, 40.5444
YIQ	146.3470, 18.9770, 25.0330

Conversions

Conversions Part 2

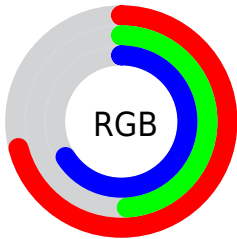
Format	Color
RYB	180, 125, 168
Decimal	11828648
CIELab	59.16, 28.26, -14.31
CIELCh	59, 31.677, 333.153
Yxy	27.1977, 0.3291, 0.2694
Android (android.graphics.Color)	4290018728 (0xFFB47DA8)
YUV	146.3470, 10.6749, 29.5137
Hunter-Lab	52.1514, 22.4514, -9.5882

Details

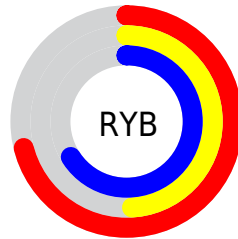
The Hex color **B47DA8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7DB489**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **EDB2DF**, and **7E4B74** is the 20% darker color. If you saturate the color by 10%, you get **B46BA4**, and if you desaturate by 10%, it is **B48FAC**.

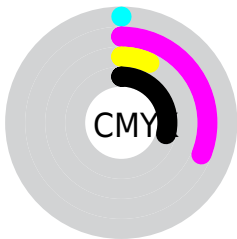
Distribution



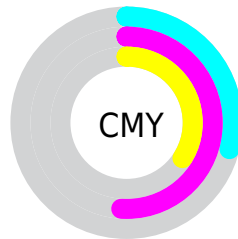
- Red (71%)
- Green (49%)
- Blue (66%)



- Red (71%)
- Yellow (49%)
- Blue (66%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (29%)



- Cyan (29%)
- Magenta (51%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B47DA8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B47DA8 by changing the saturation by 10% instead.

 B47DA8

 B47DA8

FFFFFF

 99648E

 EDB2DF

 7E4B74

 FFCEFC

 65335B

 FFEAFF

 4C1C44

 34052D

 210019

 000000

 B47DA8

 B47DA8

 B46BA4

 B48FAC

 B459A0

 B4A1B0

 B4479C


 B4B3B4

 B43598

 B4C5B8

 B42394

 B4D7BC

 B41190

 B4E9C0

 B4008D

 B4FBC3

 B4FFC7

 B4FFCB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9686BD



B47DA8



C3798C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B47DA8



9E8E56



219CAC

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B47DA8



7DB489

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3B9D90



B47DA8



81965F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B47DA8



B6845D



5F9B74



3D98BF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B47DA8



C57A7A



5F9B74



259DA3

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B47DA8



EBD5E6



897DB4



756872



F5F5F5



757575

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B47DA8



EB94D8



B47D8D



595057



990078



1A0014

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B47DA8



EB94D8



7DB4A4



595057



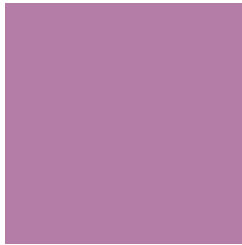
990078



1A0014

Previews

White Background



This preview shows how the Hex color B47DA8 looks on a white background.

Color Contrast Check

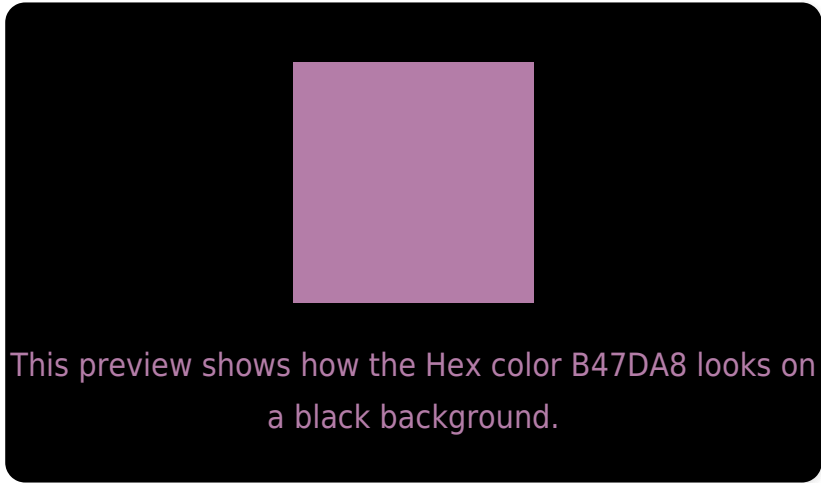
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

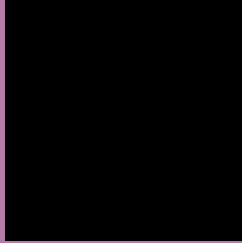
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B47DA8 Background



This preview shows how black text looks on a background with the Hex color B47DA8.

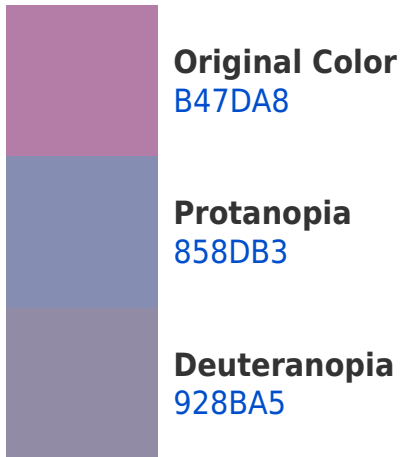



This preview shows how white text looks on a background with the Hex color B47DA8.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

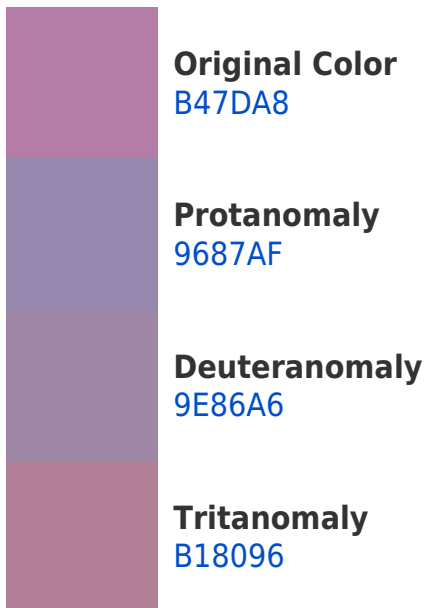
Dichromacy



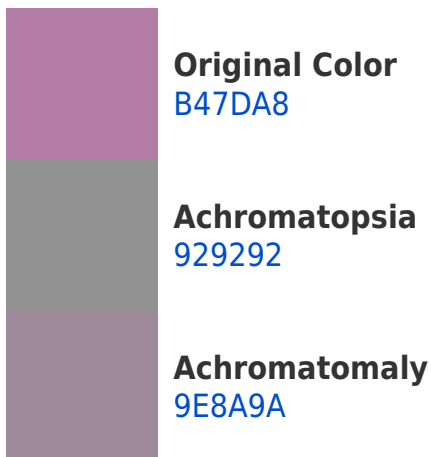


Tritanopia
B0828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B47DA8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B47DA8 looks like.

```
.text, #text, p{  
    color:#B47DA8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B47DA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47DA8
}
```

Border

The CSS property to change the border of an element to Hex B47DA8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B47DA8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B47DA8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B47DA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47DA8; -webkit-box-shadow:4px 4px  
4px 4px #B47DA8; box-shadow:4px 4px 4px  
4px #B47DA8 }
```

Background

The CSS property to change the background color of an element to Hex B47DA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47DA8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B47DA8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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